



THE MOUNT SINAI MEDICAL CENTER

ONE GUSTAVE L. LEVY PLACE • NEW YORK, NY 10029-6574



Mount Sinai School of Medicine • The Mount Sinai Hospital

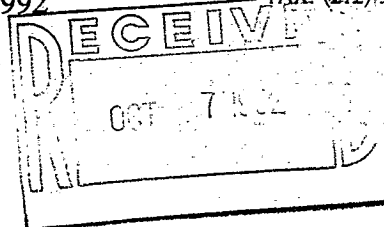
Department of Biochemistry
Box 1020

(212) 241-7283

October 2, 1992

FAX: (212) 996-7214

Harmon C. McAllister, Ph.D.
Research Director
Council for Tobacco Research
900 Third Avenue
New York, NY 10022



Dear Dr. McAllister:

Council for Tobacco Research was one of the companies that supported the 1990 FASEB Summer Research Conference on *Fc Receptors and Immunoglobulin Binding Factors*, which enabled us to support the travel of both junior investigators and speakers coming from abroad. This support materially added to the caliber and success of the meeting. I have now been chosen Chair of the 1993 FASEB (Federation of American Societies for Experimental Biology) Summer Research Conference entitled *Fc Receptors: Genes, Signalling, and Function to be held* this summer from July 31-August 6 July 1-6 at Saxtons River in Vermont. The Vice-Chair of the meeting is Dr. Junji Yodoi, from the Institute for Virus Research at Kyoto University in Japan. We would like to enlist your support again for the conference this summer.

This is the third FASEB summer conference to address the topic of Fc receptors. Other meetings were held in 1987 and in 1990. These meetings were both extremely successful, and succeeded in keeping investigators in the field abreast of current developments. At the 1990 meeting many presentations dealt with the molecular complexity of the Fc receptor family, and there was a widespread optimism that the next meeting would focus largely on how the receptors worked. This prediction has proven accurate. The progress in the field driven by the cloning and expression of the proteins has been extraordinary, and, as is clear from the enclosed program, the focus of the 1993 meeting is largely on signal transduction, function, and gene regulation. Accordingly, the range of topics discussed in this meeting is somewhat broader than in the 1990 conference. Speakers are scheduled to discuss elements of signal transduction machinery, including phosphatidylinositol-specific phospholipase C, src family kinases, IP3 binding proteins, and MAP kinase. In addition, a number of speakers have been invited who work primarily on B and T cell antigen receptors, which show many points of congruence in signal mechanisms.

Fc receptors are expressed on T and B lymphocytes, macrophages, basophils, mast cells, natural killer cells, endothelium, trophoblast, keratinocytes, platelets, bacteria, certain virally infected cells, and a basic understanding of the structure and function is likely to have widespread and potentially significant impact. For example, there has been significant progress in understanding the subunit structure and signalling mechanism of the basophil/mast cell IgE Fc receptor, which is responsible for histamine release triggered by the ragweed pollen that afflicts so many of us. Another exciting area is in the study of lymphokine secretion by natural

Harmon C. McAllister, Ph.D.

Page 2

October 2, 1992

killer cells and macrophages after binding of immune complexes to Fc receptors. The development of hetero- or bispecific antibodies to target cytolytic potential toward tumor or other target cells may provide a new and powerful immunotherapeutic tool for clinicians. In short, progress has been swift and exciting, reflecting the increased numbers of labs in the area and the clinical relevance of the work.

The informal discussions Dr. Yodoi and I have had with investigators in the field indicate that there is strong interest in a conference on this topic. There are active research labs working of this topic in North America, Japan, Australia, France, and England. The participation of these groups in the conference is important for the exchange of information on the topic.

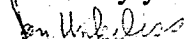
I am trying to raise funds for the partial support of travel and meeting expenses for the participants. Typical airfares for participants from the United States are \$250-500, and over \$1000 for invited speakers who come from overseas. Room, board and registration costs for the meeting are a modest \$395. Thus I am writing you to inquire about a possible financial contribution to help support this conference. Senior invited speakers as well as junior investigators would be eligible for support. We also wish to support at least ten junior investigators who might otherwise not be able to attend. These promising young investigators are the ones who will be making the significant contributions in the coming decades. It is important to involve young people in these conferences, but they often have the most limited resources.

The conference will be well advertised by FASEB in there publications as well as in SCIENCE, NATURE, and several other widely distributed journals. I know from discussions with investigators in this area that the conference will generate a great deal of interest, and that there will be more applicants than we can accept for the approximately 150 spaces available. The response I have had in calling speakers has been very positive. The meeting will have all the major laboratories in the area well represented.

Enclosed is a provisional program of the meeting. If you would like more details about the research conference please contact me at 212-241-7283, or by FAX 212-996-7214. The Vice-Chair for the meeting, Dr. Junji Yodoi [Kyoto University, Institute for Virus Research, Kawaharacho, Shogoin, Sakyo, Kyoto 606 JAPAN] may be contacted at 81-757-514024 or FAX 81-757-615766.

Both of us and the other conferees will greatly appreciate any financial help you can give. Thank you.

Sincerely yours,



Jay Unkeless, Ph.D.

Professor of Biochemistry

P.S. Checks should be annotated "Fc Receptors" and made payable to:
FASEB, 9650 Rockville Pike, Bethesda, MD 20814-3998.